INTERNATIONAL SEARCH REPORT

international on No PCT/DE 03, 32272

A. CLASSIFIC	ATION	OF SUBJECT	MATTER
TPC 7	HOA.1	11 <i>1</i> 1/06	

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 - H04J - H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

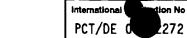
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	HEISMANN F ET AL: "AUTOMATIC POLARISATION DEMULTIPLEXER FOR POLARISATION-MULTIPLEXED TRANSMISSION SYSTEMS" ELECTRONICS LETTERS, IEE STEVENAGE, GB, vol. 29, no. 22, 28 October 1993 (1993-10-28), pages 1965-1966, XP000421562 ISSN: 0013-5194 page 1965, left-hand column, paragraph 1 -page 1966, left-hand column, paragraph 3; figure 1	1-10

X Further documents are listed in the continuation of box C.	χ Patent family members are listed in annex.
Special categories of cited documents: 'A' document defining the general state of the art which is not considered to be of particular relevance 'E' earlier document but published on or after the international filing date 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) 'O' document referring to an oral disclosure, use, exhibition or other means 'P' document published prior to the international filing date but later than the priority date claimed	 'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. '&' document member of the same patent family
Date of the actual completion of the international search 27 January 2004	Date of mailing of the international search report 03/02/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Roldán Andrade, J

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P, X	figures 1,3 paragraph '0040! - paragraph '0047!; figures 8,9 paragraph '0055! - paragraph '0069!; figures 10-12 US 6 580 535 B1 (SCHOENFELDER THORSTEN) 17 June 2003 (2003-06-17)	1,3-5, 7-10
A	column 2, line 15 - line 52 column 3, line 16 - line 58; figure 1 column 6, line 23 -column 8, line 19; figures 3,4 WO 02 060096 A (AXE INC; RAO HEMONTH (US);	1 3-5
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